

INVESTIGATOR'S ANNUAL REPORT

National Park Service

All or some of the information provided may be available to the public

Reporting Year: 1998	Park: Shenandoah NP
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Additional investigators or key field assistants (first name, last name, office phone, office email): No co-investigators	
Permit#: SHEN1998N-199	
Park-assigned Study Id. #: unknown	
Project Title: Annual Report - National Plant Materials Center	
Permit Start Date: Jan 01, 1998	Permit Expiration Date Jan 01, 1999
Study Start Date: Jan 01, 1992	Study End Date Jan 01, 2000
Study Status: Completed	
Activity Type: Other	
Subject/Discipline: Other	
Objectives: <p>Provide technical expertise in the collection, cleaning, seeding, growing, harvesting, and planting of native plant materials. The seed and plants produced will be used for revegetation of roadside construction sites, islands, and overlooks in the Shenandoah National Park along Skyline Drive. This cooperative effort was initiated in September 1992 and plant material will be shipped to the park through 2000. A minimum of two (2) grass, three (3) forb, five (5) shrub, and three (3) tree species will be supplied. Approximately 450 lbs of grass and forb seed, 12,500 wildflower transplants (plugs and quarts), and 7,000 tree and shrub seedlings will be produced.</p>	
Findings and Status: <p>The majority of material delivered to the park in spring 1998 was used for planting the islands between parking areas and Skyline Drive in the north section of the park. Over 535 trees and shrubs, and 3,225 wildflower and grass plugs were planted by NPMC staff, community college students, and the park's landscape architect.;All remaining field-grown woody material was harvested in 1998, to be delivered to the park in spring 1999 or to be potted and held for fall 1999 delivery. This year was the final year for wildflower and grass seed production; the NPMC harvested 81.49lbs of seed and will either deliver the seed in 1999 or hold until the year 2000. The NPMC has 3,100 trees and shrubs available for 1999 delivery. Eight hundred plugs of wild bergamot (Monarda fistulosa), woodland sunflower (Helianthus divaricatus), and threadleaf coreopsis (Coreopsis verticillata) were atarted in December 1998 to finish off plug delivery in spring 1999.</p>	
For this study, were one or more specimens collected and removed from the park but not destroyed during analyses? No	
Funding provided this reporting year by NPS: 0	Funding provided this reporting year by other sources: 0
Fill out the following ONLY IF the National Park Service supported this project in this reporting year by providing money to a university or college	

Full name of college or university: n/a	Annual funding provided by NPS to university or college this reporting year: 0
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